

CLAIMS:

1. (amended) An anode for a secondary battery comprising:

an anode active material layer which absorbs and
5 discharge lithium ions;

wherein said anode active material layer includes:

a first layer, of which a chief ingredient is carbon, and

10 a second layer,

said second layer includes:

at least one first element which has a theoretical capacity larger than that of graphite,

15 at least one second element which has a theoretical capacity equal to or less than the theoretical capacity of graphite, and

said second element is at least one element selected from a group consisting of C and Fe.

20 2. (amended) An anode for a secondary battery comprising:

an anode active material layer which absorbs and discharge lithium ions;

wherein said anode active material layer
25 includes:

a first layer, of which a chief ingredient is carbon, and

a second layer,

said second layer includes:

at least one first element which has a theoretical capacity larger than that of graphite,

5 at least one second element which has a theoretical capacity equal to or less than the theoretical capacity of graphite,

said second layer includes particles, and

10 said particles have said first element and said second element.

3. The anode for the secondary battery according to claim 2, wherein surfaces of said particles having said first element are coated with said second 15 element.

4. The anode for the secondary battery according to claim 2, wherein surfaces of said particles having said second element are coated with said first 20 element.

5. The anode for the secondary battery according to claim 2, wherein said particles are formed by any of a CVD method, a deposition method, a sputtering method, 25 a mechanical milling method and a mechanical alloy method.

6. (amended) The anode for the secondary battery according to any one of claims 2 to 5, said second element is at least one element selected from a group consisting of C, Fe and Cu.

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7. (amended) The anode for the secondary battery according to any one of claims 1 to 6, said first element is at least one element selected from a group consisting of Si, Ge, Sn, Al, Pb, Pd, Ag, In and Cd.

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8. The anode for the secondary battery according to any one of claims 1 to 7, further comprising:
a layer composed of Li or Li compound.

15 9. The anode for the secondary battery according to claim 8, wherein said Li compound includes LiF or Li₂O.